

PTO/SB-08A (07-05)
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 10/509,782 |
| | | | | Filing Date | September 29, 2004 |
| | | | | First Named Inventor | Christopher Robin Lowe |
| | | | | Art Unit | 1641 |
| | | | | Examiner Name | Not yet assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | GJE-6941 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| | U1 | US- | | | |
| | U2 | US- | | | |
| | U3 | US- | | | |
| | U4 | US- | | | |
| | U5 | US- | | | |
| | U6 | US- | | | |
| | U7 | US- | | | |
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| | U10 | US- | | | |
| | U11 | US- | | | |
| | U12 | US- | | | |
| | U13 | US- | | | |
| | U14 | US- | | | |
| | U15 | US- | | | |
| | U16 | US- | | | |
| | U17 | US- | | | |

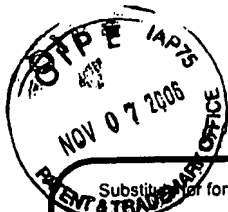
| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁴ |
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| u | F1 | JP 11-147059 | 06-02-1999 | HSM Holographic Systems Munchen GMBH | All | |
| | F2 | | | | | |
| | F3 | | | | | |
| | F4 | | | | | |
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| | F6 | | | | | |

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| Examiner Signature | e. el. | Date Considered | 9/3/07 |
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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| Application Number | 10/509,782 |
| Filing Date | September 29, 2004 |
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| Art Unit | 1641 |
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Sheet 1 of 1

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| | U16 | US- | | | |
| | U17 | US- | | | |

FOREIGN PATENT DOCUMENTS

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| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| u | F1 | JP 11-147059 | 06-02-1999 | HSM Holographic Syst Muenchen GMBH | Abstract | T |
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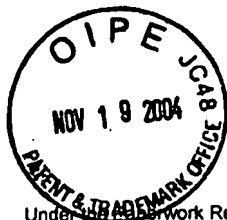
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9/3-1-7

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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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| Application Number | 10/509,782 |
| Filing Date | September 29, 2004 |
| First Named Inventor | Christopher Robin Lowe |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | GJE-6941 |

Sheet

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of

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|-----------------------|--------------------------|---|--------------------------------|--|---|
| | | Number - Kind Code ² (if known) | | | |
| u | U1 | US-6,180,288 B1 | 01/30/2001 | Everhart <i>et al.</i> | |
| u | U2 | US-6,198,869 B1 | 03-06-2001 | Kraus <i>et al.</i> | |
| | U3 | US- | | | |
| | U4 | US- | | | |
| | U5 | US- | | | |
| | U6 | US- | | | |
| | U7 | US- | | | |
| | U8 | US- | | | |
| | U9 | US- | | | |

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|-----------------------|--------------------------|---|--------------------------------|--|---|----------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| u | F1 | WO 95/26499 A1 | 10/05/1995 | British Technology Group Limited | | |
| | F2 | | | | | |
| | F3 | | | | | |
| | F4 | | | | | |
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| | F6 | | | | | |
| | F7 | | | | | |

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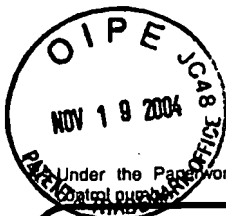
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9/30/07

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| | | Application Number | 10/509,782 |
| | | Filing Date | September 29, 2004 |
| | | First Named Inventor | Christopher R. Lowe |
| | | Group Art Unit | |
| | | Examiner Name | |
| Sheet 2 of 2 | Attorney Docket Number GJE-6941 | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| ✓ | R1 | SPOONCER, R.C., F.A. AL-RAMADHAN and B.E. JONES (1992) "A humidity sensor using a wavelength-dependent holographic filter with fibre optic links" <i>International Journal of Optoelectronics</i> 7(3):449-452.. | |
| | R2 | | |
| | R3 | | |
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| Examiner Signature | <i>e. ell.</i> | Date Considered | 9/30/07 |
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